

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No. : 10/602,464 Confirmation : 3975  
Applicant(s) : Masahiro KAWAGUCHI  
Filed : June 23, 2003  
Title : NUCLEIC-ACID PROBE SUBSTRATE, SYSTEM FOR TEMPERATURE  
CONTROL OF THE SUBSTRATE, AND GENE DETECTION METHOD  
MAKING USE OF THE SAME

Art Unit : 1634  
Examiner : FORMAN, Betty J.

Docket No. : 1232-5069  
Customer No. : 27123

**AMENDMENT AND RESPONSE UNDER C.F.R. §1.114**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is filed in response to the final Office Action dated February 4, 2008. This paper is timely filed since the three-month date for response fell on Sunday, May 4, 2008. Reconsideration of this application is respectfully requested in light of this paper, which is set forth as follows:

- **Amendments to the Claims** are reflected in the listing of claims which begins on page 1 of this paper.
- **Remarks** begin on page 8 of this paper.